Friedl 1998 \bigstar Average annual cycle of benthic fluxes Friedrich 2002 on the shelf (1990-1999) Lichtschlag 2015 Lenstra 2019 Δ 0-40 meters 41-80 meters 81-200 meters NHS [mmol/m²/d] 6.00 0.4 4.00 1 . 0.2 2.00 0 0 0 0.0 ☆ 0.00 0.75 NOS [mmol/m²/d] 1.00 0.4 0.50 0.25 0.2 0 0.50 0.00 0.0 000 0.00 0 0.25 -0.2 ☆ ☆ 0.00 0 0 Δ -5**-**5 \Rightarrow -20.00 Δ -10-10-15-40.00 -20-15 0.20 0.60 PHO [mmol/m²/d] \Rightarrow 0.150.40 0.05 \Rightarrow Ó.10 0.20 0 0.05 0 0.00 ☆ 0.00 \Rightarrow 0.00 \bigcirc 0 10.00 SIO [mmol/m²/d] 2.0/ 1.0 7.50 1/5 0 /1.05.00 0.5 0.5 2.50 0.0 0 0.0 -0.00 - \bigcirc Jul Jul Apr Oct Jan Apr Jul Oct Jan Apr Oct Jan Jan Jan Jan Month Month Month

DOX [mmol/m²/d]